Kentucky
Child Development
Skill Standards

*Every Scholar
Needs A Skill*

Kentucky Skill Standards, Assessment, and Certification System
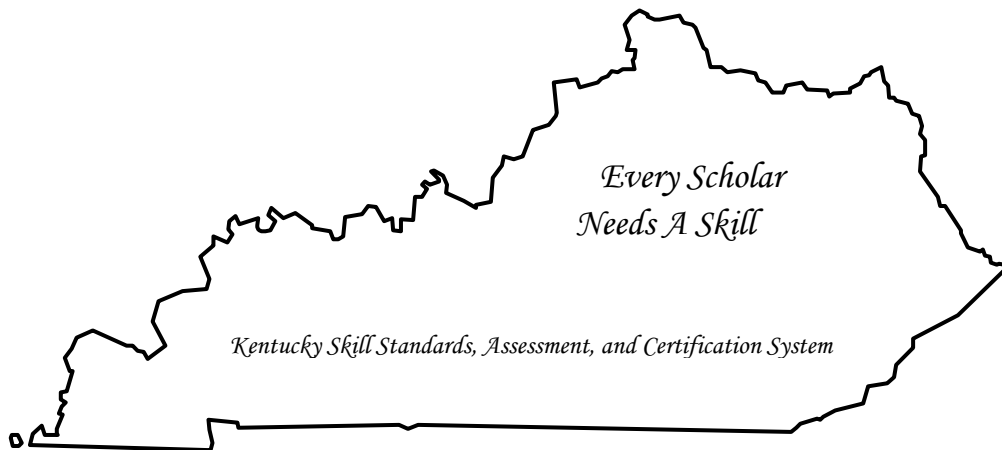
Established by the Child Care Skill Standards Task Force

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INTRODUCTION
Child Development Career Major

In 1990, the Kentucky Education Reform Act (KERA) academic goals outlined what every student in Kentucky schools should know and be able to do. In 1998, Kentucky adopted the National Family and Consumer Sciences Skills Standards that answers the question: "What does a worker need to know and be able to do to contribute to the safe and effective delivery of family and consumer sciences and related occupations?" The standards inform current and future family and consumer sciences employers, employees and educators about what skills and knowledge workers need in order to succeed—in a job, a life-long career and as in the dual role of family member/wage earner.

Families play a very important role in our individual lives and in society. The importance of the family is widely recognized as the context in which family members learn about relating to and caring for others. In families, individuals acquire attitudes about learning and work, build communication and reasoning skills, learn right from wrong, and form patterns of responsible citizenship. Family members learn to work together within the family and with other families to improve conditions in the home, workplace, community and the world. Through the year 2006, it is estimated that child development employment will increase by 45%. That includes all types of jobs/careers such as child development aide, day care worker, child development supervisor, day care director, early childhood education teacher. These jobs include those that require a certificate, associate degree or other post-secondary training to those with a bachelor's degree.

The foundation for success in working with young children begins with an understanding of children. Basic to the nurturing and socialization of individuals is the creation of environments that promote self-understanding and foster the development of the individual's potential throughout the stages of the life cycle. Attaining an understanding of the types and stages of human growth and development contributes to the development of such an environment. Once the student understands children and their development, they are ready to build and develop guidance skills, learn practical techniques for working with children, plan developmentally appropriate curriculum, and develop strategies for working with parents and teachers. The skill standards in child development address both the theory of child development and the practical techniques of working with them to further their development.

Preparation for Tomorrow's Workforce

Carl D. Perkins Vocational and Technology Act of 1990 mandates broad vocational, rather than job-specific, training and an integration of academic and vocational content. The Act requires programs to provide students with a general understanding of "all aspects of an industry." More recently, the first of the five Indicators of Performance in the new Perkins legislation addresses "student attainment of challenging state-established academic and vocational/technical skill proficiencies."

Skill Standards are the performance specifications that identify the knowledge, skills and abilities, and individual needs to succeed in the workplace. Identifying the necessary skills is critical to preparing students for entry into employment. Skill standards provide a common vocabulary to enhance communication between:

•Employers and Job Seekers—to specify the knowledge, skills, aptitudes and attitudes required for recruitment, hiring, and retention in a company or within an industry.

•Employers and Schools or Job Training programs--to encourage the alignment of school curricula with industry requirements, to update educational objectives as workplace demands change, and to ensure a better return on public and private education and training investments.

•Employers or Job Seekers and Schools or Job Training Programs--to help employees and job seekers make decisions about their own education and training needs in a changing market place.

In the most successful workplaces, the only constant is change. Jobs that were previously simple now require high performance work processes and enhanced skills in order to compete globally. Skill standards reflect these changing workplace realities and are keys for helping applicants and employers enjoy greater career opportunities and achieve higher standards of living and economic security.

Kentucky's Certification System

Skill standards are important today to educators, employers, and students who desire jobs after graduation from high school. The Division of Career and Technical Education, in conjunction with employers from the family and consumer sciences industry, are working together to develop a system to certify that students have attained the necessary skills for employment. The first step in developing this system was the development or adoption of skill standards that describe the necessary occupational, academic and employability skills needed to enter the industry. Mastery of these standards would signal to employers that the student is employable and ready to begin employment with the industry.

In order to insure that students in fact attained the necessary skills described in the standards document, students will take an assessment based on the standards.   The assessment system includes two components:

> Multiple-choice questions specifically testing the mastery of the Skill Standards; and

> Problem-based scenario to test the students problem-solving and decision-making skills related to their occupational standards.

Students that pass each of the components at a percentage previously set, will receive an industry recognized certificate to provide to employers communicating their mastery of the standards.

Program Sequence for Family and Consumer Sciences Skill Standards

Students should complete a coherent sequence of courses from the secondary Family and Consumer Sciences curriculum. The sequences are developed by Career Major and include Family and Consumer Sciences Education, Family Services, Child Development, Food Service, Hospitality Services, Housing and Interiors, Textiles and Apparel, and Consumer Services. Courses under each major must also be in the Kentucky Program of Studies.

Three credits are required from the following recommended courses for a student to take the Child Development assessment:

Life Skills	Child Development Services I and II
Career and Family	Parenting
Child/Human Development	Relationships

Course Descriptions

Life Skills – is a comprehensive course providing an opportunity for acquiring basic life skills and allows students to select specific areas for concentrated study. Emphasis is on work and family, adolescent development, selection and care of clothing, consumer spending, housing choices, challenges of child rearing and guidance in establishing relationships. This is the foundation course for all career majors.

Career and Family – is designed to help students realize the level of commitment required to manage career and family. It will assist students in developing the skills needed to resolve family and work issues. The extent to which a career impacts family goals, meets financial goals and reflects personal values is explored.

Child /Human Development – addresses the practical problems related to understanding the types and stages of human growth and development, recognizing effects of heredity and environment on human growth and development, meeting the needs of exceptional children, promoting optimum growth and development in the infancy, toddler, preschool, middle childhood, adolescent, and adulthood stages. Careers in child/human development are explored.

Child Development Services I & II – are courses that provide training for entry-level positions in day care centers, nurseries, kindergartens, and private homes. Students study careers in child development, child development and guidance, children's health and well being in group care, value of planning, teaching strategies and management, and curriculum development. The subject content is reinforced with work experience in a variety of child Development establishments.

Parenting – is designed to aid students in developing parenting and care-giving skills that can be applied in a variety of situations. Major topics include becoming an informed parent, caring for the newborn, being an effective parent/caregiver, caring for the sick and elderly, and exploring career opportunities in care giving.

Relationships – assists students to develop self-understanding, understand others better, improve interpersonal skills both within and outside the family, be more considerate of other person's needs and property, and maintain mental and emotional wellness. Family Life education comprises a portion of this course, including dating and married relationships. Preparations for and the achievement of a successful marriage are emphasized.

Leadership development and employability skills are supplemented in all of these courses through the career and technical student organization, **Family, Career and Community Leaders of America,** through various projects and activities.

This document identifies the skill standards developed to be assessed in the certification process. Current curriculum in Family and Consumer Sciences offered in your school should be aligned to these standards. A crosswalk shows the relationship between the family and consumer sciences skill standards, academic expectations, and the SCANS (Secretary's Commission on Achieving Necessary Skills). SCANS was developed by the U.S. Department of Labor in 1991 with employers from all over the nation. They describe the necessary foundation skills and competencies necessary to succeed in the workplace.

For more information about the skill standards, crosswalks or certification system for Family and Consumer Sciences, please contact:

Ginny Ellington
Program Consultant
Kentucky Department of Education
Division of Career and Technical Education
500 Mero Street
(502) 564-3775
gellingt@kde.state.ky.us

	OCCUPATIONAL STANDARDS				
4.0	**Integrate knowledge, skills, and practices required for careers in early childhood education and services.**				
4.1	**Analyze career paths within early childhood, education, and services.**				
4.1.1	Determine the roles and functions of individuals engaged in early childhood, education, and services.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C5 F1 F5	Acquires and Evaluates Information Reading Listening
4.1.2	Explore opportunities for employment and entrepreneurial endeavors.	1.1 2.37 5.2	Accessing Sources of Information Employability Skills Creative Thinking	C5 F1 F5	Acquires and Evaluates Information Reading Listening
4.1.3	Examine education and training requirements and opportunities for career paths in early childhood, education and services.	1.1 2.37	Accessing Sources of Information Employability Skills	C5 F1 F5	Acquires and Evaluates Information Reading Listening
4.1.4	Examine the impact of early childhood, education and services occupations on local, state, national and global economics.	1.1 2.16 2.18 2.20 5.3 6.1	Accessing Sources of Information Structure and Function of Social System Structure and Function of Economic System Historical Perspective Conceptualizing Applying Multiple Perspectives	C5 F1 F5 F12	Acquires and Evaluates Information Reading Listening Reasoning
4.2	**Analyze developmentally appropriate practices to plan for early childhood education and services.**				
4.2.1	Examine child development theories and their implications for educational and childcare practices.	1.1 5.3 6.1	Accessing Sources of Information Conceptualizing Applying Multiple Perspectives	C5 F1 F5 F7 F12	Acquires and Evaluates Information Reading Listening Creative Thinking Reasoning
4.2.2	Determine a variety of assessment methods to observe and interpret children's growth and development.	1.1 1.2 1.3 1.4 5.3 6.1	Accessing Sources of Information Reading Observing Listening Conceptualizing Applying Multiple Perspectives	C5 F1 F6 F12	Acquires and Evaluates Information Reading Speaking Reasoning
4.2.3	Consider cultural and environmental influences with assessing children's development.	1.1 1.2 1.3	Accessing Sources of Information Reading Observing	C5 F1 F6	Acquires and Evaluates Information Reading Speaking

		1.4 2.17 2.27 4.5 5.3 6.1	Listening Cultural Diversity Language Multicultural Sensitivity Conceptualizing Applying Multiple Perspectives	F15	Social
4.2.4	Determine special needs of children.	1.2 1.3 1.4	Reading Observing Listening	C5 F1 F6 F7 F9	Acquires and Evaluates Information Reading Speaking Creative Thinking Problem Solving
4.2.5	Put into effect strategies that promote children's growth and development.	2.16 2.17 2.30 2.32 2.32 2.35 3.3 3.4 4.1 4.3 4.4 4.5	Structure and Function of Social System Cultural Diversity Consumerism Mental and Emotional Wellness Community Health System Lifetime Physical Activities Adaptable and Flexible Resourceful and Creative Interpersonal Skills Consistent, Responsive, Caring Behavior Rights and Responsibilities Multicultural Sensitivity	C6 C10 C14 F5 F6 F7 F11 F13 F15	Organizes and Maintains Information Teaches Others Works with Cultural Diversity Listening Speaking Creative Thinking Knows How to Learn Responsibility Social
4.3	**Demonstrate integration of curriculum and instruction to meet children's developmental needs and interests.**				
4.3.1	Examine a variety of curriculum and instructional models.	1.1 1.2 3.4	Accessing Sources of Information Reading Resourceful and Creative	C6 C10 C14 F5 F6 F7 F11 F13 F16	Organizes and Maintains Information Teaches Others Works with Cultural Diversity Listening Speaking Creative Thinking Knows How to Learn Responsibility Self-Management
4.3.2	Implement learning activities in all curriculum areas that meet the developmental needs of children.	1.1 1.2 1.3 1.4 1.13 1.14	Accessing Sources of Information Reading Observing Listening Visual Arts Music	C6 C10 F5 F6 F7 F8	Organizes and Maintains Information Teaches Others Listening Speaking Creative Thinking Decision Making

		1.15 2.16	Movement Structure and Function of Social System	F9 F13 F15	Problem Solving Responsibility Social
4.3.3	Implement an integrated curriculum that incorporates a child's language, learning styles, home experiences, and cultural values.	1.1 1.2 1.3 1.4 1.12 2.17 4.5	Accessing Sources of Information Reading Observing Listening Speaking Cultural Diversity Multicultural Sensitivity	C5 C6 C10 C14 F5 F6 F7 F8 F10 F13 F15	Organizes and Maintains Information Teaches Others Works with Cultural Diversity Listening Speaking Creative Thinking Decision Making Seeing Things in the Mind's Eye Responsibility Social
4.3.4	Demonstrate a variety of teaching methods to meet individual needs of children.	1.1 1.2 1.3 1.4 1.12 2.17 4.5	Accessing Sources of Information Reading Observing Listening Speaking Cultural Diversity Multicultural Sensitivity	C7 C10 C14 F5 F6 F7 F9 F9 F15	Interprets and Communicates Information Teaches Others Works with Cultural Diversity Listening Speaking Creative Thinking Decision Making Problem Solving Social
4.3.5	Arrange learning centers that provide for children's exploration, discovery, and development.	1.1 2.16 5.2	Accessing Sources of Information Structure and Function of Social System Creative Thinking	C3 C6 C18 F7 F10 F11	Allocates Materials and Facility Resources Organizes and Maintains Information Selects Technology Creative Thinking Seeing Things in the Mind's Eye Know How to Learn
4.3.6	Establish activities, routines, and transitions.	1.10 3.3 5.1 5.4	Classifying Adaptable and Flexible Critical Thinking Decision Making	C1 C7 C10 F5 F6 F7 F8 F9	Allocates Time Interprets and Communicates Information Teaches Others Listening Speaking Creative Thinking Decision Making Problem Solving
4.4	**Demonstrate a safe and healthy learning environment for children.**				

4.4.1	Manage physical space to maintain a safe and healthy learning environment.	1.1 1.2 1.3 1.4 2.32 2.33 4.4	Accessing Sources of Information Reading Observing Listening Mental and Emotional Wellness Community Health System Rights and Responsibilities	C3 C20 F13	Allocates Materials and Facility Resources Maintains and Troubleshoots Technology Responsibility
4.4.2	Apply safe and healthy practices that comply with state regulations.	1.1 2.1 4.4	Accessing Sources of Information Nature of Science Activity Rights and Responsibilities	C4 C6 C9 C12 F5 F6 F8 F13 F17	Allocates Human Resources Organizes and Maintains Information Participates Exercises Leadership Listening Speaking Decision Making Responsibility Integrity/Honesty
4.4.3	Implement strategies to teach children health, safety, and sanitation habits.	1.1 1.12 2.1 6.1	Accessing Sources of Information Speaking Nature of Science Activity Applying Multiple Perspectives	C7 C10 F13 F17	Interprets and Communicates Information Teaches Others Responsibility Integrity/Honesty
4.4.4	Provide safe and healthy meals and snacks.	2.31 2.32 2.33 4.4	Physical Wellness Mental and Emotional Wellness Community Health System Rights and Responsibilities	C3 C7	Allocates Materials and Facility Resources Interprets and Communicates Information
4.4.5	Document symptoms of child abuse and neglect and use appropriate procedures to report suspected abuse or neglect to the designated authorities.	1.3 1.11	Observing Writing	C6 C12 C14 F1 F2 F5 F6 F8 F9 F13 F15 F16 F17	Organizes and Maintains Information Exercise Leadership Works with Cultural Diversity Reading Writing Listening Speaking Decision Making Problem Solving Responsibility Social Self-Management Integrity/Honesty
4.4.6	Implement basic health practices and prevention procedures for workers and children regarding childhood illness and communicable diseases.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C3 C4 C6 C7	Allocates Materials and Facility Resources Allocates Human Resources Organizes and Maintains Information Interprets and Communicates Information

				F1	Reading
				F6	Speaking
				F9	Problem Solving
				F12	Reasoning
				F13	Responsibility
				F17	Integrity/Honesty
4.4.7	Demonstrate security and emergency procedures.	1.1 1.2 1.3 1.4 4.4	Accessing Sources of Information Reading Observing Listening Rights and Responsibilities	C7 F6	Interprets and Communicates Information Speaking
4.5	**Demonstrate techniques for positive collaborative relationships with children.**				
4.5.1	Establish developmentally appropriate guidelines for behavior.	1.1 1.10 1.11 1.12 2.16	Accessing Sources of Information Classifying Writing Speaking Structure and Function of Social System	C5 C6 C7 C10 F1 F2 F5 F6 F11 F13 F15	Acquires and Evaluates Information Organizes and Maintains Information Interprets and Communicates Information Teaches Others Reading Writing Listening Speaking Knows How to Learn Responsibility Social
4.5.2	Demonstrate problem-solving skills with children.	5.5	Problem Solving	C10 F9 F11 F13	Teaches Others Problem Solving Knows How to Learn Responsibility
4.5.3	Demonstrate interpersonal skills that promote positive and productive relationships with children.	4.1	Interpersonal Skills	C9 C14 F9 F13 F15 F16	Participates Works with Cultural Diversity Problem Solving Responsibility Social Self-Management
4.5.4	Implement strategies for constructive and supportive interactions between children and families.	2.17 3.3 3.4 3.5 4.3 4.4	Cultural Diversity Adaptable and Flexible Resourceful and Creative Self-Control and Self-Discipline Consistent, Responsive, Caring Behavior Rights and Responsibilities	C10 C11 F7 F9 F13 F15	Teaches Others Serves Clients/Customers Creative Thinking Problem Solving Responsibility Social

		4.5	Multicultural Sensitivity	F16	Self-Management
4.5.5	Present information to parents regarding developmental issues and concerns related to children.	1.11 1.12	Writing Speaking	C7 F2 F6	Interprets and Communicates Information Writing Speaking
4.6	**Demonstrate professional practices and standards related to working with children.**				
4.6.1	Utilize opportunities for continuing training and education.	2.37 2.38	Employability Skills Post-Secondary Opportunity Search	C1 C4 C5 C6 F11 F16	Allocates Time Allocates Human Resources Acquires and Evaluates Information Organizes and Maintains Information Knows How to Learn Self-Management
4.6.2	Apply professional ethical standards as accepted by the recognized professional organizations.	3.6	Make Decisions Based on Ethical Values	C7 C12 F1 F5 F8 F13 F16	Interprets and Communicates information Exercises Leadership Reading Listening Decision Making Responsibility Self-Management
4.6.3	Implement federal, state, and local standards, policies, regulations, and laws which impact children, families and programs.	1.1 1.2 1.3 1.4 1.10 1.11 1.12 2.15 2.16 2.17	Accessing Sources of Information Reading Observing Listening Classifying Writing Speaking Structure and Function of Political System Structure and Function of Social System Cultural Diversity	C5 C6 C7 C9 C10 C12 C16 F1 F5 F8 F9 F13	Acquires and Evaluates Information Organizes and Maintains Information Interprets and Communicates Information Participates Teaches Others Exercises Leadership Monitors and Corrects Performance Reading Listening Decision Making Problem Solving Responsibility
4.6.4	Demonstrate enthusiasm, initiative, and commitment to program goals and improvements.	3.3 3.4 3.7 4.1 4.2 4.3 4.4 4.5	Adaptable and Flexible Resourceful and Creative Learn on One's Own Interpersonal Skills Productive Team Skills Consistent, Responsive, Caring Behavior Rights and Responsibilities Multicultural Sensitivity	C9 C10 C11 F11 F16	Participates Teaches Others Serves Clients/Customers Knows How to Learn Self-Management
4.6.5	Apply business management skills to planning	1.1	Accessing Sources of Information	C1	Allocates Time

	businesses in early childhood, education, and services.	2.18 6.1	Structure and Function of Economic System Applying Multiple Perspectives	C2 C3 C4 C12 F8 F9 F13 F16 F17	Allocates Money Allocates Materials and Facility Resources Allocates Human Resources Exercises Leadership Decision Making Problem Solving Responsibility Self-Management Integrity/Honesty
12.0	**Analyze factors that impact human growth and development.**				
12.1	**Analyze principles of human growth and development across the life span.**				
12.1.1	Examine physical, emotional, social, and intellectual development.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.1.2	Examine interrelationships among physical, emotional, social, and intellectual aspects of human growth and development.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.2	Analyze conditions that influence human growth and development.				
12.2.1	Investigate the impact of heredity and environment on human growth and development.	1.1 1.2 1.3 1.4 2.16 6.1	Accessing Sources of Information Reading Observing Listening Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.2.2	Determine the impact of social, economic, and technological forces on individual growth and development.	1.1 1.2 1.3 1.4 2.16 2.18 6.1	Accessing Sources of Information Reading Observing Listening Structure and Function of Social System Structure and Function of Economic System Applying Multiple Perspectives	C7 F1 F5 F11	Interprets and Communicates Information Reading Listening Knows How to Learn
12.2.3	Examine the effects of gender, ethnicity, and culture on individual development.	1.1 1.2 1.3 1.4 2.16 6.1	Accessing Sources of Information Reading Observing Listening Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.2.4	Examine the effects of life events on individuals'	1.1	Accessing Sources of Information	C5	Acquires and Evaluates Information

	physical and emotional development.	1.2 1.3 1.4 2.6 2.16 6.1	Reading Observing Listening Change over Time Structure and Function of Social System Applying Multiple Perspectives	F1 F5 F11	Reading Listening Knows How to Learn
12.3	Analyze strategies that promote growth and development across the life span.				
12.3.1	Examine the role of nurturance on human growth and development.	1.1 1.2 1.3 1.4 2.6 2.16 6.1	Accessing Sources of Information Reading Observing Listening Change over Time Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.3.2	Examine the role of communication on human growth and development.	1.1 1.2 1.3 1.4 2.6 2.16 6.1	Accessing Sources of Information Reading Observing Listening Change over Time Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
12.3.3	Examine the role of support systems in meeting human growth and development needs.	1.1 1.2 1.3 1.4 2.6 2.14 2.15 2.16 6.1	Accessing Sources of Information Reading Observing Listening Change over Time Democratic Principle Structure and Function of Political System Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
15.0	**Evaluate the impact of parenting roles and responsibilities on strengthening the well-being of individuals and families.**				
15.1	**Analyze roles and responsibilities of parenting.**				
15.1.1	Examine parenting roles across the life span.	1.1 1.2 1.3 1.4 2.6 2.16	Accessing Sources of Information Reading Observing Listening Change over Time Structure and Function of Social System	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn

		6.1	Applying Multiple Perspectives		
15.1.2	Examine expectations and responsibilities of parenting.	1.1 1.2 1.3 1.4 2.6 2.16 6.1	Accessing Sources of Information Reading Observing Listening Change over Time Structure and Function of Social System Applying Multiple Perspectives	C5 F1 F5 F11	Acquires and Evaluates Information Reading Listening Knows How to Learn
15.1.3	Determine consequences of parenting practices to the individual, family, and society.	1.1 1.2 1.3 1.4 2.6 2.14 2.15 2.16	Accessing Sources of Information Reading Observing Listening Change over Time Democratic Principle Structure and Function of Political System Structure and Function of Social System	C5 C6 F1 F5 F11	Acquires and Evaluates Information Organizes and Maintains Information Reading Listening Knows How to Learn
15.1.4	Determine societal conditions that impact parenting across the life span.	1.1 1.2 1.3 1.4 2.6 2.16	Accessing Sources of Information Reading Observing Listening Change over Time Structure and Function of Social System	C5 C6 F1 F5 F11	Acquires and Evaluates Information Organizes and Maintains Information Reading Listening Knows How to Learn
15.1.5	Explain cultural differences in roles and responsibilities of parenting.	1.11 1.12	Writing Speaking	C7 F2 F6 F11	Interprets and Communicates Information Writing Speaking Knows How to Learn
15.2	**Evaluate parenting practices that maximize human growth and development.**				
15.2.1	Choose nurturing practices that support human growth and development.	2.6 2.16 5.1 5.4	Change Over Time Structure and Function of Social System Critical Thinking Creative Thinking	C12 F13 F14 F15	Exercise Leadership Responsibility Self-Esteem Social
15.2.2	Select communication strategies that promote positive self-esteem in family members.	1.11 1.12 2.6 2.16 4.1 4.3 4.4 4.5	Writing Speaking Change Over Time Structure and Function of Social System Interpersonal Skills Consistent, Responsive, Caring Behavior Rights and Responsibilities Multicultural Sensitivity	C5 F11	Acquires and Evaluates Information Knows How to Learn
15.2.3	Assess common practices and emerging research about discipline on human growth and	1.1 1.2	Accessing Sources of Information Reading	C5 F1	Acquires and Evaluates Information Reading

	development.	1.3 1.4	Observing Listening	F5 F11	Listening Knows How to Learn
15.2.4	Assess the impact of abuse and neglect on children and families and determine methods for prevention.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C5 C7 F1 F5 F11 F13	Acquires and Evaluates Information Interprets and communicates Information Reading Listening Knows How to Learn Responsibility
15.2.5	Determine criteria for selecting care and services for children.	1.1 1.2 1.3 1.4 2.6 2.16 4.3 4.4 6.1	Accessing Sources of Information Reading Observing Listening Change Over Time Structure and Function of Social System Consistent, Responsive, Caring Behavior Rights and Responsibilities Applying Multiple Perspectives	C5 C11 F9	Acquires and Evaluates Information Serves Clients/Customers Problem Solving
15.3	**Evaluate external support systems that provide services for parents.**				
15.3.1	Assess community resources and services available to families.	1.1 1.2 1.3 1.4 2.14 5.1	Accessing Sources of Information Reading Observing Listening Democratic Principle Critical Thinking	C5 C6 C11 F1 F5 F9	Acquires and Evaluates Information Organizes and Maintains Information Serves Clients/Customers Reading Listening Problem Solving
15.3.2	Appraise community resources that provide opportunities related to parenting.	1.1 1.2 1.3 1.4 2.14 5.1	Accessing Sources of Information Reading Observing Listening Democratic Principle Critical Thinking	C5 C6 C11 F1 F5 F9	Acquires and Evaluates Information Organizes and Maintains Information Serves Clients/Customers Reading Listening Problem Solving
15.3.3	Review current laws and policies related to parenting.	1.1 1.2	Accessing Sources of Information Reading	C5 C6 C11 F1 F5 F9	Acquires and Evaluates Information Organizes and Maintains Information Serves Clients/Customers Reading Listening Problem Solving
15.4	**Analyze physical and emotional factors related to beginning the parenting process.**				
15.4.1	Examine biological processes related to prenatal development, birth, and health of child and mother.	1.1 1.2 1.3 1.4	Accessing Sources of Information Reading Observing Listening	C5 F1 F5 F11	Organizes and Maintains Information Reading Listening Knows How to Learn

		2.6	Change Over Time		
15.4.2	Consider the emotional factors of prenatal development and birth in relation to the health of the parents and child.	1.1 1.2 1.3 1.4 2.6 2.16 4.3	Accessing Sources of Information Reading Observing Listening Change Over Time Structure and Function of Social System Consistent, Responsive, Caring Behavior	C5 F1 F5 F11 F13 F15	Acquires and Evaluates Information Reading Listening Knows How to Learn Responsibility Social
15.4.3	Examine implications of alternatives to biological parenthood.	1.1 1.2 1.3 1.4 2.16	Accessing Sources of Information Reading Observing Listening Structure and Function of Social System	C5 F1 F5 F11 F15	Acquires and Evaluates Information Reading Listening Knows How to Learn Social
15.4.4	Determine legal and ethical impacts of technology.	1.1 1.2 1.3 1.4 2.16 2.20	Accessing Sources of Information Reading Observing Listening Structure and Function of Social System Historical Perspective	C5 C15 F1 F5 F9 F13	Acquires and Evaluates Information Understands Systems Reading Listening Problem Solving Responsibility
	EMPLOYABILITY STANDARDS				
	Exhibit Workplace Skills				
A001	Demonstrate consistently punctual arrival.	3.5	Self-Control and Self-Discipline	F13 F16 F17	Responsibility Self-Management Integrity/ Honesty
A002	Document regular attendance.	3.5	Self-Control and Self-Discipline	C6 F13 F16 F17	Organize and Maintains Information Responsibility Self-Management Integrity/ Honesty
A003	Demonstrate enthusiasm and confidence about work and learning new tasks.	2.36 2.37 3.5 3.7	Employability Skills Cultural Diversity Self-Control and Self-Discipline Learn On One's Own	C9 C12 F5 F6 F11 F15 F16	Participates Exercises Leadership Listening Speaking Know How to Learn Social Self-Management
A004	Demonstrate appropriate dress and hygiene for successful employment.	2.29 2.32 2.37 3.5	Consumerism Mental and Emotional Wellness Employability Skills Self-Control and Self-Discipline	C6 F1 F5 F16	Organize and Maintains Information Reading Listening Self-Management
A005	Demonstrate the ability to act in a polite and respectful way towards co-workers.	2.37 2.26 3.5	Employability Skills Diversity Self-Control and Self-Discipline	F5 F6	Listening Speaking

		4.1	Interpersonal Skills		
		4.3	Consistent, Responsive, Caring Behavior		
A006	Demonstrate the ability to complete tasks on time and accurately.	2.37	Employability Skills	C6	Organize and Maintains Information
		2.26	Diversity	C9	Participates
		2.38	Resumes, Interviews and Advancement	C11	Serves Clients/Customers
		3.5	Self-Control and Self- Discipline	C16	Monitors and Corrects Performance
		4.3	Consistent, Responsive, Caring Behavior	F13	Responsibility
				F16	Self-Management
				F17	Integrity/ Honesty
A007	Demonstrate the ability to make career decisions.	2.36	Employability Skills	C5	Acquires and Evaluates Information
		2.37	Cultural Diversity	F8	Decision Making
		2.38	Resumes, Interviews and Advancement	F11	Know How to Learn
		5.1	Critical Thinking	F13	Responsibility
				F14	Self-Esteem
A008	Prepare a resume and letter of application or interest.	2.38	Resumes, Interviews and Advancement	C8	Uses Computers to Process Information
		1.11	Writing	C19	Applies Technology to a Task
				F1	Reading
				F2	Writing
				F11	Know How to Learn
A009	Fill out an application for employment.	2.38	Resumes, Interviews and Advancement	C7	Interprets and Communicates Information
		1.11	Writing	C19	Applies Technology to a Task
				F1	Reading
				F2	Writing
A010	Participate in an employment interview.	2.38	Resumes, Interviews and Advancement	C7	Interprets and Communicates Information
				C14	Works with Cultural Diversity
				F5	Listening
				F6	Speaking
				F12	Reasoning
				F15	Social
				F16	Self-Management
				F17	Integrity/ Honesty
A011	Follow directions and procedures.	1.2	Reading	C6	Organize and Maintains Information
		1.3	Observing	F12	Reasoning
		1.4	Listening	F13	Responsibility
		2.26	Diversity		
A012	Accept constructive criticism.	2.26	Diversity	C6	Organize and Maintains Information
		4.1	Interpersonal Skills	C7	Interprets and Communicates Information
		4.4	Rights and responsibilities	C9	Participates
		4.6	Open mind to alternative perspectives	C12	Exercises Leadership
				C16	Monitors and Corrects Performance
				F5	Listening
				F6	Speaking
				F11	Know How to Learn
				F13	Responsibility

				F14	Self-Esteem
				F16	Self-Management
A013	Work with minimal supervision.	2.26 3.3 3.4 3.5 3.7 4.4 5.4 6.1	Diversity Adaptable and Flexible Resourceful and Creative Self-Control and Self-Discipline Learn On One's Own Rights and responsibilities Decision Making Appling Multiple Perspectives	C6 C7 C8 C9 C12 C16 C18 C19 F1 F2 F3 F4 F5 F7 F8 F9 F11 F12 F13 F16 F17	Organize and Maintains Information Interprets and Communicates Information Uses Computers to Process Information Participates Exercises Leadership Monitors and Corrects Performance Selects Technology Applies Technology to a Task Reading Writing Arithmetic Mathematics Listening Creative Thinking Decision Making Problem Solving Know How to Learn Reasoning Responsibility Self-Management Integrity/ Honesty
	Understand Workforce Issues.				
B001	Recognize the difference between a team environment workplace and a conventional workplace.	1.2 1.3 1.4 4.1 4.2 4.5	Reading Observing Listening Interpersonal Skills Productive Team Skills Multicultural Sensitivity	C7 C9 C15	Interprets and Communicates Information Participates Understands Systems
B002	Identify the characteristics of a diverse workforce.	2.26 2.27 4.5 4.6	Diversity Language Multicultural Sensitivity Open mind to alternative perspectives	C7 C9 C14 F13 F15 F16 F17	Interprets and Communicates Information Participates Works with Cultural Diversity Responsibility Social Self-Management Integrity/ Honesty
B003	Identify good ethical characteristics and behaviors.	2.29 2.32 3.6	Consumerism Community Health System Ethical Values	C7 C9 F13 F15 F16 F17	Interprets and Communicates Information Participates Responsibility Social Self-Management Integrity/ Honesty

B004	Differentiate between good and poor business ethics.	3.6 5.1	Ethical Values Critical Thinking	C5 C6 C7 F17	Acquires and Evaluates Information Organize and Maintains Information Interprets and Communicates Information Integrity/ Honesty
B005	Match employee responsibilities to employer expectations.	3.3 4.1 4.4	Adaptable and Flexible Interpersonal Skills Rights and responsibilities	C6 C7 C11 C16 F13 F17	Organize and Maintains Information Interprets and Communicates Information Serves Clients/Customers Monitors and Corrects Performance Responsibility Integrity/ Honesty
B006	Define discrimination, harassment and equity.	2.16 2.26 2.30 2.32 2.33 2.37 3.6	Structure and Function of Social System Cultural Diversity Consumerism Mental and Emotional Wellness Community Health System Employability Skills Ethical Values	C6 C7 C14 F5 F6 F11 F12 F16 F17	Organize and Maintains Information Interprets and Communicates Information Works with Cultural Diversity Listening Speaking Know How to Learn Reasoning Self-Management Integrity/ Honesty
B007	Demonstrate non-discriminatory behavior.	3.5 4.3	Self-Control and Self-Discipline Consistent, Responsive, Caring Behavior	C7 F1 F5 F6 F13 F15 F16 F17	Interprets and Communicates Information Reading Listening Speaking Responsibility Social Self-Management Integrity/ Honesty
B008	Maintain confidentiality and sensitivity of company information.	3.6 3.5	Ethical Values Self-Control and Self-Discipline	C6 C7 F13 F16 F17	Organize and Maintains Information Interprets and Communicates Information Responsibility Self-Management Integrity/ Honesty
	Perform Business Planning and Operations Procedures				
C001	Plan and manage work schedules.	1.10 1.11 5.1	Classifying Writing Critical Thinking	C4 C5 C6 C12 F8 F12 F13	Allocates Human Resources Acquires and Evaluates Information Organize and Maintains Information Exercises Leadership Decision Making Reasoning Responsibility
C002	Maintain receipts and disbursements records.	1.10 1.11	Classifying Writing	C6 F17	Organize and Maintains Information Integrity/Honesty
C003	Maintain inventory records.	1.16	Using Electronic Technology	C6	Organize and Maintains Information

				C19	Applies technology to a Task
C004	Maintain computer records.	1.2 1.3 1.4 4.1 5.4 6.1	Reading Observing Listening Interpersonal Skills Decision Making Appling Multiple Perspectives	C5 C6	Acquires and Evaluates Information Organize and Maintains Information
C005	Identify possible actions that may lead to customer dissatisfaction.	1.2 1.3 1.4 4.1 5.1 6.2	Reading Observing Listening Interpersonal Skills Critical Thinking Developing New Knowledge	C7 C11 F5 F6 F7 F9 F13 F15 F16	Interprets and Communicates Information Serves Clients/Customers Listening Speaking Creative Thinking Problem Solving Responsibility Social Self-Management
C006	Identify the ways that the level of customer satisfaction may affect company success.	1.11 1.12 5.1	Writing Speaking Critical Thinking	C7 C11 F7	Interprets and Communicates Information Serves Clients/Customers Creative Thinking
C007	Explain the importance of a business reputation.	1.2 1.3 1.4 1.11 1.12 4.1	Reading Observing Listening Writing Speaking Interpersonal Skills	C7 C11	Interprets and Communicates Information Serves Clients/Customers
C008	Identify possible actions that may be used to correct customer dissatisfaction.	1.2 1.3 1.4 1.11 1.12 4.1 5.1	Reading Observing Listening Writing Speaking Interpersonal Skills Critical Thinking	C5 C7 C11	Acquires and evaluates Information Interprets and Communicates Information Serves Clients/Customers
C009	Explain the effect of quality on profit.	1.2 1.3 1.4 1.11 1.12 2.18	Reading Observing Listening Writing Speaking Structure and Function of Economic System	C7 F2 F6	Interprets and Communicates Information Writing Speaking
C010	Identify the effects of continuous quality improvement.	1.2 1.3 1.4 1.11 1.12 5.1	Reading Observing Listening Writing Speaking Critical Thinking	C7 C15 F2 F6 F9	Interprets and Communicates Information Understands Systems Writing Speaking Problem Solving

	Demonstrate Effective Communication and Teamwork Skills.				
D001	Organize materials with a logical flow.	1.2 1.10 5.1	Reading Classifying Critical Thinking	C6 F12	Organize and Maintains Information Reasoning
D002	Interpret and clarify directions prepared by others.	1.2 1.3 1.4 5.1	Reading Observing Listening Critical Thinking	C7 F1 F5 F12 F15 F16	Interprets and Communicates Information Reading Listening Reasoning Social Self-Management
D003	Communicate with customers.	1.12 4.1	Speaking Interpersonal Skills	C7 C11 F5 F6 F9	Interprets and Communicates Information Serves Clients/Customers Listening Speaking Problem Solving
D004	Understand team concepts.	4.2	Productive Team Skills	C7 C9 F9	Interprets and Communicates Information Participates Problem Solving
D005	Write steps of an occupational process using sentences and statements as appropriate.	1.11	Writing	C7 F2 F12	Interprets and Communicates Information Writing Reasoning
D006	Elect appropriate communication methods.	1.11 1.12	Writing Speaking	C3 C6 C13 C16 C18 F1 F5 F9	Allocates Materials and Facility Resources Organize and Maintains Information Negotiates to Arrive at a Decision Monitors and Corrects Performance Selects Technology Reading Listening Problem Solving
D007	Identify various group processes.	1.2 1.3 1.4 2.16 2.26 4.5	Reading Observing Listening Structure and Function of Social System Language Multicultural Sensitivity	C7 F2 F6	Interprets and Communicates Information Writing Speaking
D008	Identify components of group dynamics.	1.2 1.3 1.4 2.16 4.5	Reading Observing Listening Structure and Function of Social System Multicultural Sensitivity	C7 F2 F6	Interprets and Communicates Information Writing Speaking
D009	Apply facilitation skills in a group setting.	4.1 4.2 4.3	Interpersonal Skills Productive Team Skills Consistent, Responsive, Caring Behavior	C7 C9 C12	Interprets and Communicates Information Participates Exercises Leadership

		4.4	Rights and responsibilities	F5	Listening
		4.5	Multicultural Sensitivity	F6	Speaking
		4.6	Open mind to alternative perspectives	F8	Decision Making
				F9	Problem Solving
				F13	Responsibility
				F15	Social
				F16	Self-Management
	Demonstrate Problem Solving Techniques.				
E001	Explain the value of applying a problem-solving system.	1.11 1.12	Writing Speaking	C7 C10 C15 F2 F6	Interprets and Communicates Information Teaches Others Understands Systems Writing Speaking
E002	Apply a system of problem solving.	1.1 1.10 5.1 5.2 5.3 5.4 5.5 6.1	Accessing Sources of Information Classifying Critical Thinking Creative Thinking Conceptualizing Decision Making Problem Solving Appling Multiple Perspectives	C7 C9 C12 C16 C20 F2 F6 F9	Interprets and Communicates Information Participates Exercises Leadership Monitors and Corrects Performance Maintains and Troubleshoots Technology Writing Speaking Problem Solving
E003	Identify opportunities for applying problem solving techniques.	1.1 5.2 5.3 5.4 6.1	Accessing Sources of Information Creative Thinking Conceptualizing Decision Making Appling Multiple Perspectives	C7 C15 F2 F6 F9	Interprets and Communicates Information Understands Systems Writing Speaking Problem Solving
	ACADEMIC STANDARDS for 4.0				
	Mathematics				
	Applies the reading process and strategies to directions or tasks that are relatively short, with limited categories of information, direction, concepts and vocabulary (LA1)	1.2	Reading	C7 F1 F12	Interprets and Communicates Information Reading Reasoning
	Demonstrates competence in using various information sources, including knowledge-based and technical texts, to perform specific tasks. (LA 2)	1.1	Accessing Sources of Information	C5 C6 C7 F1 F12	Acquires and Evaluates Information Organizes and Maintains Information Interprets and Communicates Information Reading Reasoning
	Demonstrates competence in writing and editing documents, using correct grammar, and punctuation (LA 3)	1.11	Writing	C7 F2	Acquires and Evaluates Information Writing
	Demonstrates competence in speaking to provide, distribute, or find information (LA 4)	1.12	Speaking	C7 F6	Interprets and Communicates Information Speaking
	Demonstrates competence in making oral formal	1.1	Accessing Sources of Information	C7	Interprets and Communicates Information

	and informal presentations, including selecting and using media (LA 5)	1.12	Speaking	F6 F8	Speaking Decision Making
	Adapts listening strategies to utilize verbal and nonverbal content of communication (LA 6)	1.4	Listening	C7 F5	Interprets and Communicates Information Listening
	Identifies a purpose and related strategy when speaking (LA 034)	1.12	Speaking	C7 F6 F12	Interprets and Communicates Information Speaking Reasoning
	Mathematics				
	Adds, subtracts, divides, and multiplies whole and mixed numbers, fractions, decimals, and calculate square root (MA 1, MA 2)	2.7	Number	F3	Arithmetic
	Uses a calculator to add, subtract, divide, multiply whole and mixed numbers, decimals, and calculate square root (MA 3)	2.7	Number	F3 F4	Arithmetic Mathematics
	Mentally adds, subtracts, divides, and multiples whole numbers (MA 4)	2.7	Number	F3	Arithmetic
	Uses a calculator to add, subtract, divide, and multiply, calculate percentages, rations (MA 5)	2.7	Number	F3	Arithmetic
	Understands and applies basic methods of measurement (MA 6)	2.10	Measurement	F3 F4	Arithmetic Mathematics
	Understands and applies advanced methods of measurement (MA 7)	2.8 2.10	Mathematical Procedures	F3 F4	Arithmetic Mathematics
	Interprets charts, tables, and graphs (MA 174)	1.5 1.6 1.7 1.8 1.9 2.7 2.8	Quantifying Computing Visualizing Measuring Mathematical Reasoning Number Mathematical Procedures	F3 F4	Arithmetic Mathematics
	Science				
	Knows the environmental impact of materials (solid, liquid, gaseous) (SC 2)	2.1	Nature of Science Activity	F1 F5	Reading Listening
	Understands the effect of chemicals on humans and plants. (SC 3)	2.1 2.6	Nature of Science Activity Change Over Time	F1 F5	Reading Listening
	Applies and uses maps, charts, tables and graphs to complete tasks (SC 042)	1.5 1.6 1.7 1.8 1.9 2.7 2.8	Quantifying Computing Visualizing Measuring Mathematical Reasoning Number Mathematical Procedures	F1 F4 F5	Reading Mathematics Listening

	Applies and uses scientific methods to solve problems (SC 044)	2.1	Nature of Science Activity	C7 F4 F9	Interprets and Communicates Information Mathematics Problem Solving
	Describes and explains organisms' development and adaptation (SC 366, SC 367)	2.6	Change Over Time	C7 F2 F6	Interprets and Communicates Information Writing Speaking
	Uses computers for information processing (SC 499)	1.16	Using Electronic Technology	C8	Uses Computers to Process Information
	ACADEMIC STANDARDS for 12.0				
	Language Arts				
	Applies the reading process and strategies to directions or tasks that are relatively short, with limited categories of information, directions, concepts, and vocabulary (LA 1)	1.2	Reading	C5 F1	Acquires and Evaluates Information Reading
	Demonstrates competence in using various information sources, including knowledge-based and technical texts, to perform specific tasks (LA 2)	1.1	Accessing Sources of Information	C7 F1	Interprets and Communicates Information Reading
	Science				
	Describes and explains the role of genetics (SC 261, SC 268)	1.1 1.11 1.12	Accessing Sources of Information Writing Speaking	C7 F2 F6	**Interprets and Communicates Information** Writing Speaking
	Describes human development processes (SC 289)	1.1 1.11 1.12	Accessing Sources of Information Writing Speaking	C7 F2 F6	Interprets and Communicates Information Writing Speaking
	ACADEMIC STANDARDS for 15.0				
	Language Arts				
	Applies the reading process and strategies to direction or tasks that are relatively short, with limited categories of information, directions, concepts, and vocabulary (LA 1)	1.2	Reading	C5 F1	Acquires and Evaluates Information Reading
	Demonstrates competence in using various information sources, including knowledge-based and technical texts, to perform specific tasks (LA 2)	1.1	Accessing Sources of Information	C7 F1	Interprets and Communicates Information Reading
	Demonstrates competence in writing and edition documents using correct grammar, and punctuation (LA 3)	1.11	Writing	C7 F2	Interprets and Communicates Information Writing
	Demonstrates competence in speaking to provide, distribute, or find information (LA 4)	1.12	Speaking	C7 F6 F8	Interprets and Communicates Information Speaking Decision Making
	Adapts listening strategies to utilize verbal and	1.4	Listening	C7	Interprets and Communicates Information

	nonverbal content of communication (LA 6)			F5	Listening
	Science				
	Understands the effect of chemicals on humans and plants (SC 3)	2.6	Change Over Time	C5 F1 F5 F12	Acquires and Evaluates Information Reading Listening Reasoning
	Analyzes and evaluates environmental issues (SC 007)	2.1 2.2 2.3	Nature of Science Activity Patterns Systems and Interactions	C5 F1 F5 F12	Acquires and Evaluates Information Reading Listening Reasoning
	Describes human development processes (SC 289)	1.11 1.12 2.6	Writing Speaking Change Over Time	C7 F1 F5 F12	Interprets and Communicates Information Reading Listening Reasoning
	Describes and explains the human reproductive system (SC 304)	1.11 1.12 2.6	Writing Speaking Change Over Time	C7 F2 F6	Interprets and Communicates Information Writing Speaking